

THE FMSB NEWSLETTER

Volume 23

<http://www.nnsy1.navy.mil/FMSB>

May 2004

Discrepancy Found in Basic Trade Skill CAML

Mark Rice

A discrepancy has been found in the "Mechanical Flanged Joint Makeup" Computer Aided Maintenance Lesson (CAML). In the valve body-to-bonnet makeup section, a video clip shows a craftsman lubricating the body studs on a flanged steam valve that is covered in NAVSEA 0948-LP-012-5000, Standard Navy Valves. Although many valves are assembled using MIL-L-24131 as depicted in the clip, anti-galling compound per A-A-59004 would be used to assemble this type of valve. Although this CAML is a generic type lesson plan and the valve in question is not identified as a steam valve, FMSB will issue a revision to preclude any negative training or confusion that could result from this video.

FMSB requests that the training departments are informed of this discrepancy and that a revision is planned.

Other CAMLs approved for use:

- "Union and Valve Bonnet Joint Makeup"
- "Steam Plant Cleanliness"
- "Cleanliness Plugs and Seal"
- "Nuclear Controlled Work Package"
- "Technical Drawing"
- "Introduction to Quality Assurance"

If you have any questions on FMSB CAMLs please contact Mark Rice by phone at (757) 393-7187 or email at RiceME@nnsy.navy.mil.

Welcome Aboard!

Jamie Gardner

FMSB would like to say "Welcome Aboard" to Charlie Simpson, Andrew Reutt and Art Castleberry.

Charlie Simpson is actually returning to FMSB after a tour at Norfolk Navy Shipyard Nuclear Quality Assessment Branch as an auditor. He brings 30 years of ship repair experience to FMSB. He is assigned as a Trades Skill Instructor.

Charlie's number is (757) 393-7144 and his email is SimpsonCR@nnsy.navy.mil.

Andrew Reutt has been working for Norfolk Naval Shipyard for over 17 years and brings to FMSB extensive steam plant and reactor plant repair experience. He will provide expertise in areas of primary valve repair, system repair and inspection.

Andrew's number is (757) 393-7139 and his email is ReuttJA@nnsy.navy.mil.

Art Castleberry recently retired from the U.S. Navy. He brings 30 years of naval nuclear operating and maintenance experience to FMSB. His last Navy assignment was as Quality Assurance Officer for Naval Submarine Support Center, New London. He will be assigned as a instructor for the Quality Assurance Officer Course and the Nuclear Planner Course.

Art's number is (757) 393-7039 and his email is CastleberryAD@nnsy.navy.mil.

Student Check In

Jamie Gardner

Personnel who will be attending a FMSB course at Norfolk Naval Shipyard should visit our website for check in procedures, directions and other useful information. Also, students attending schools at NNSY are required per their orders to contact us before arrival. The points of contact are Sheila Tucker at (757) 393-7020 or Jamie Gardner at (757) 393-7042

Upcoming Training

Jamie Gardner

FMSB is scheduled to conduct the following training:

- * SUBLANT Units, Kings Bay Area, June 7-18, PVO Train the Trainer. POC: LT. Dave Etheridge (912) 573-1075**
- * SUBLANT Units, Kings Bay Area, June 21-25, Operational Unit Training. Topics: Package Preparation and Format I, Training and Qualls, SUBSAFE, Reactor and Steam Plant Cleanliness and System Component Certification/Testing. POC: LT. Dave Etheridge (912) 573-1075**
- * AIRPAC and SUBPAC Units, Northwest Area, July 12-23, PVO Train the Trainer. POC: Chief Parrett (360) 315-2758**
- * AIRPAC and SUBPAC Units, Northwest Area, July 12-23, Operational Unit Training. Topics: LP Carbide Seat Cutter and Steam Plant Cleanliness. POC: Chief Parrett (360) 315-2758.**
- * NPTU Ballston Spa, June 7-11, Technical Assist Visit. Topics: Reverse Seated Globe Valve Repair and Primary Valve Packing. POC: MMCS Goodin (518) 884-1657**
- * In-House Training: PPTSC 04-3 June 7-18, PPTSC 04-4 July 12-23, Nuclear Planner Course 04-2 July 26-Aug 27, PPTSC 04-5 Aug 16-27**

Tentative Training Scheduled

- * AIRPAC Unit Training, Sept. 04**
- * USS FRANK CABLE, Sept. 04**
- * AIRLANT Unit Training, PVO Train the Trainer, November**
- * AIRLANT Quality Maintenance Course Dec. 6-17.**

For information on scheduling training with Fleet Maintenance Support Branch, contact Jamie Gardner at (757)-393-7042 or by email GardnerJM@nnsy.navy.mil.

Recently Completed Training

Jamie Gardner

FMSB recently completed the following training:

- * Pearl Harbor Operational Unit Training, NSSC Pearl Harbor, March 1-5 and March 22-25. Topics include Controlled Material, Technical References, Precision Measuring, QA Forms, Steam Plant Cleanliness, TWD Format.**
- * Pearl Harbor, Naval Submarine Training Center, Pacific, March 15-26. Primary Valve Operator Train-the-Trainer Course.**
- * USS JOHN F. KENNEDY Operational Unit Training, March 29-April 02. Topics: Format I, Format II, TWD Changes and Non-Nuclear Testing.**
- * Kings Bay TRF Technical Visit, April 12-16. RFCC Refresher Training.**
- * NPTU Ballston Spa Technical Assist Visit, April 12-16. Topics include Planning and Source Documents, Reactor Plant and Steam Plant Cleanliness, and QA Forms.**
- * Quality Assurance Officer Course 04-2 graduated May 20 with a class of 15. Attendees are reporting to various commands: CV (1), CVN (4), Pearl Harbor Naval Shipyard (1), COMSUBRON 15 NCCS DET GUAM (1), NPTU Ballston Spa (3), NPTU Charleston (1), NRMD New London (1), FMSB (3).**
- * Propulsion Plant Trade Skills Course 04-2 graduated May 14 with a full class of 12. Attendees are reporting to CVNs.**
- * Nuclear Trade Skills Course 04-2 graduated April 9 with a full class of 6. Attendees are reporting to NRMD Groton (1), USS FRANK CABLE (2), and SIMA Norfolk (1), NPTU Ballston Spa (2).**
- * Cutting Tool Refresher Training with Electric Boat. April 19-23.**

For information on scheduling training with Fleet Maintenance Support Branch, contact Jamie Gardner at (757)-393-7042 or by email GardnerJM@nnsy.navy.mil.

MASTER INDEX

TOPIC	VOLUME
Acid Brushes	7 & 10
BEQ/BOQ	20
BTSPL	1, 6, 11
CAML	13
Cleanliness, LP carbide seat cutter	3 & 2
Cleanliness Plugs	4, 10, 12, 13, 15
CTTM	1
Cutting Tool Standardization	8, 11, 13, 17,
Electric Drive	7, 11, 19
Fasteners	9
Graphitic Packing	3 & 19
Locking Cable	9 & 21
LARs	17
Lead Dummy	17
LP Carbide Seat Cutter	6, 22
LP Carbide seat cutter AEL	2
Lubricants	20
Material Control Changes	6, 22
MIL-STD-1330	16
MQPL	19
NPC Starter Package	17
Packing, primary	7 & 21
Packing, CAML	7
Packing, steam valve	7
Planners Handbook	8 & 9
Primary valve torque	5
PVO Training	6, 11, 15, 16
QA Form 10	9
Quality Notes	1, 12, 13, 15
RP Carbide Seat Cutter Bushing	16
RPFW Anode Plug	9
RSAOGV Carbide Cutter	20
Seat Leakage	1
ShipAlts	21
SUBSAFE SMICs	9
Testing	20
Training valves	1 & 8
TWD Sign Requirements	7
TYCOM Conference	18 & 20
Vactan	17
Previous issues or articles are available by visiting the FMSB WebSite or contacting FMSB by phone or e-mail. (POC xxx xxx)	

**NORFOLK NAVAL SHIPYARD
FLEET MAINTENANCE SUPPORT
BRANCH, CODE 2380.3, BUILDING 276
PORTSMOUTH VA 23709-5000
FAX (757) 393-7120
(DSN 386-1185 + last five digits)**

Keeping Up With The Tooling

Chuck Davis

This article is a reminder to all activities that use the Carbide Cutter Seat Repair Kits in Nuclear or Non-Nuclear applications. During a recent visit to SSSU New London, FMSB noted a few ships were not using the repair kits due to problems encountered. There have been a few deficiencies in the past with the Carbide Cutter Seat Repair Kits, however most have been resolved. The following deficiencies may still be encountered in the fleet:

- ♦ The frame assembly bearing in a few of the older original kits (red toolbox) was installed backwards. This type of thrust bearing would only allow thrust in one direction. If installed backwards, the cutter could self-feed, possibly resulting in excess removal of seat material. The newer kits have regular ball bearings installed that will allow thrust in either direction.
- ♦ The guide bushings have had plating problems, such as flaking on the bearing surface where the feed stop assembly bottoms out during cutting operations. Some of the newer guide bushings have had galling problems on the inside diameter during cutting operations. Due to the tight tolerances between the cutter/lapping tools and the guide bushing inside diameter, you must ensure that proper cleaning techniques are invoked each time a cutter or lap is removed from the guide bushing. Using this practice will help eliminate future galling problems with the guide bushing.

FMSB has contacted PSNSY about these problem areas. Parts may be replaced at no charge depending on the problem. So please don't let your tools sit on the shelf. Any questions concerning the Carbide Cutter Seat Repair Kits, please contact:

**Chuck Davis (757) 393-7185 or
John Henderson (757) 393-7131**

Future Articles

Jamie Gardner

If you have a question and/or articles of interest for *The FMSB Newsletter*, please let us know. If necessary, FMSB will conduct the research. Request deadline for the next issue is May 14, 2004. Write, E-mail, or call FMSB.

Mike Hardison - Supervisor
HardisonJM@nnsy.navy.mil, (757) 393-7027
Tom Batts - Valve Replacement, PVO,
BattsTW@nnsy.navy.mil, (757) 393-7124
Chuck Davis - Trade Skills, Valve Repair,
DavisCE@nnsy.navy.mil, (757) 393-7185
Gerry Dodd - Quality Notes, Freeze Seals, Training Valves,
Mock-ups, DoddGA@nnsy.navy.mil, (757) 393-7125
Mike Dodson - SubSafe, Testing,
DodsonME@nnsy.navy.mil (757) 393-7134
Phil Doyle - Technical Manuals and Drawings, PVO
DoylePJ@nnsy.navy.mil, (757) 393-7141
Butch Estridge - Trade Skills, valve replacement, fitting
pipe, Basic Trade Skill Lesson Plans
EstridgeMC@nnsy.navy.mil, (757) 393-7186
Jamie Gardner - On-site Training and Sponsorship,
GardnerJM@nnsy.navy.mil, (757) 393-7042
John Henderson - Valve Repair, PVO, Trade Skills,
HendersonJL@nnsy.navy.mil, (757) 393-7131
Ken Korpany - Cutting Tools, Mockups
KorpanyKR@nnsy.navy.mil (757) 393-7112
Al Pendleton - LARs, Plant Conditions and Effluent
Collection
PendletonJA@nnsy.navy.mil, (757) 393-7189
Mark Rice - Trade Skills, valve replacement, pipe fitting, Basic
Trade Skill Lesson Plans
RiceME@nnsy.navy.mil, (757) 393-7187
Jeff Smith - Trade Skills, valve replacement, pipe fitting
SmithJEA@nnsy.navy.mil, (757) 393-7193
Tim Tew - FWP/CWPs, ShipAlts, JFMM
TewTN@nnsy.navy.mil, (757) 393-7140
Sheila Tucker - Vault Custodian and Technical Manuals
TuckerSR@nnsy.navy.mil,
Charlie Simpson- Valve repair, system inspection/repair
SimpsonCR@nnsy.navy.mil (757) 393-7144
Andrew Reutt- Trades Skills, valve repair
ReuttJA@nnsy.navy.mil (757) 393-7139
Art Castleberry-SUBSAFE, QMC
CastleberryAD@nnsy.navy.mil (757) 393-7039

When contacting FMSB by e-mail, send the e-mail to two or more people. That way if someone is on leave or travel, another person can contact you.

DETAILERS

Detailer information is provided to assist in obtaining billets for FMSB scheduled courses.
Nuclear Planners Course (NPC)
CANTRAC S-661-1022: MMCS (SS) Ciko
p403cd@persnet.navy.mil, (901) 874-3627,
DSN 882-3627.
Nuclear Trade Skills Course (NTSC)
CANTRAC S-661-1025: MM1 (SS) Richmond
p403cg@persnet.navy.mil, (901) 874-3628,
DSN 882-3628.
Quality Assurance Officers Course (QAOC)
CANTRAC S-4H-0001: LCDR Tom Armstrong
p422a@persnet.navy.mil, (901) 874-3945, DSN
882-3945, Fax (901)874-2648.
Propulsion Plant Trade Skills Course (PPTSC)
CANTRAC S-661-1026 MMC (SW) Goodman,
p403cr@persnet.navy.mil, (901) 874-3632, DSN
882-3632.

NNSY CODE 138 WELDING & NDT

Johnny Broach - Welding,
BroachJL@nnsy.navy.mil (757) 396-5510/5579
Eugene Charpia NDT,
CharpiaEV@nnsy.navy.mil (757) 396-5510/5579
Jerry McKnight - Welding, NDT, LGI,
McknightJB@nnsy.navy.mil (757) 393-7113
Jim McNabb - NDT,
McNabbJP@nnsy.navy.mil (757) 396-5510/5579
Chris Wray - NDT,
WrayRC@nnsy.navy.mil (757) 396-5510/5579

FMSB COURSE SCHEDULE

Propulsion Plant Trade Skills Course

PPTSC 04-1 26 Jan - 13 Feb 2004
PPTSC 04-2 03 May - 21 May 2004
PPTSC 04-3 07 Jun - 25 Jun 2004
PPTSC 04-4 12 Jul - 30 Jul 2004
PPTSC 04-5 16 Aug - 3 Sep 2004

Nuclear Planners Course

NPC 04-1 20 Jan - 24 Feb 2004
NPC 04-2 26 Jul - 27 Aug 2004

Quality Assurance Officers Course

QAOC 04-2 19 Apr - 20 May 2004

Nuclear Trade Skills Course

NTSC 04-2 01 Mar - 09 Apr 2004

These courses are Detailer controlled. Contact the applicable Detailer listed in this Newsletter to obtain a billet for these courses.